Journal of Physics: Conference Series 2018 vol.1058 N1

Resistance of the powder coatings obtained in the electrostatic field of the corona discharge to the static action of liquids

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Abstract

© 2018 Institute of Physics Publishing. All rights reserved. The results of an experimental study of the static action of liquids on polymer-powder coatings obtained in the electrostatic field of the corona discharge are presented. Epoxy, epoxy-polyester, polyester, polyurethane and silicone powder materials have been studied. It has been shown experimentally that epoxy-polyester coating EP111095G is resistant, while epoxy EX611434SG, polyester PD810119G, polyester PD510226G and polyurethane PD010186G coatings are relatively resistant.

http://dx.doi.org/10.1088/1742-6596/1058/1/012073

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